



All Way Stop Control: Glencairn Avenue at Danesbury Avenue

Date:	April 26, 2011
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 15 – Eglinton -Lawrence
Reference Number:	<i>ny11072</i>

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Glencairn Avenue, City Council approval of this report is required.

To deny the request for the installation of an All Way Stop Control at the intersection of Glencairn Avenue and Danesbury Avenue.

The existing traffic and roadway conditions do not warrant the introduction of an All Way Stop Control at the above noted intersection.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that City Council:

1. Deny the installation of an All Way Stop Control at the intersection of Glencairn Avenue and Danesbury Avenue.

Financial Impact

There is no financial impact associated with the adoption of this report.

ISSUE BACKGROUND

Transportation Services Division was requested by the former Ward Councillor on behalf of residents to review the feasibility of installing an All Way Stop Control at the intersection of Glencairn Avenue and Danesbury Avenue.

COMMENTS

Glencairn Avenue is classified as a minor arterial roadway and Danesbury Avenue is classified as a local roadway. The regulatory speed limit on Glencairn Avenue is 50 km/h and the regulatory speed limit on Danesbury Avenue 50 km/h and 40 km/h north and south of Glencairn Avenue, respectively. Currently, northbound and southbound traffic on Danesbury Avenue is required to stop at Glencairn Avenue. Transit stops are located nearside for both eastbound and westbound directions at Glencairn Avenue.

To assess existing traffic conditions at the intersection of Glencairn Avenue and Danesbury Avenue, this Division conducted an All Way Stop Control study, updated vehicle and pedestrian volumes, assessed the existing roadway geometry and collected intersection collision statistics.

The results of the study are as follows:

	Glencairn Avenue at Danesbury Avenue	Actual	Required	Satisfied (YES/NO)
<i>A</i>	Collision History	5/3 yrs	12/3 yrs	NO
<i>B1</i>	Total Vehicle Volumes	779	500/avg hr	Yes
<i>B2</i>	Combined Vehicle & Pedestrian Volumes Crossing Major Road	88	200/avg hr	NO
<i>B3</i>	Percentage of Traffic on Major Road	89	≤ 70	NO
	Overall Warrant			NO

In order for the All Way Stop “Overall Warrant” to be warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved.

A review of Toronto Police Service collision records revealed that in a three-year period ending December 31, 2009, there have been five collisions of a type susceptible to correction by the installation of an All Way Stop Control at the above noted intersection.

Motorists and pedestrian sight lines were found to be clear and unobstructed for all approaches to the intersection.

The results of our review determined that an All Way Stop Control is not justified at the above intersection.

It should be noted that the installation of unwarranted stop signs may lead to a high level of non-compliance, which may result in an increase in the number of collisions and the reduction in the level of safety for both motorists and pedestrians.

The Ward Councillor has been advised of the recommendation in this staff report.

CONTACT

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SIGNATURE

Myles Currie
Director

ATTACHMENTS

Attachment 1: Map – Glencairn Avenue at Danesbury: All Way Stop Control